DRAWINGS

FIGURE 1

4 ... SIGNAL PROCESSOR, 5 ... AD CONVERTER, 6 ... TRACKING CONTROLLER, 8 ... ROTATION DETECTION SIGNAL GENERATOR, 9 ... ROTATIONAL POSITION DETECTOR, 10 ... RADIAL DEVIATION COMPONENT DETECTOR, 11 ... JUMP SIGNAL GENERATOR, 15 ... DA CONVERTER, 16 ... DRIVER CIRCUIT, 18 ... THREAD CONTROLLER, 19 ... DRIVER CIRCUIT

FIGURE 2

4 ... SIGNAL PROCESSOR, 5 ... AD CONVERTER, 6 ... TRACKING CONTROLLER, 8 ... ROTATION DETECTION SIGNAL GENERATOR, 9 ... ROTATIONAL POSITION DETECTOR, 10 ... RADIAL DEVIATION COMPONENT DETECTOR, 11 ... JUMP SIGNAL GENERATOR, 15 ... DA CONVERTER, 16 ... DRIVER CIRCUIT, 18 ... THREAD CONTROLLER, 19 ... DRIVER CIRCUIT

FIGURE 3

ONE ROTATION OF DISK

(a) TRACKING ERROR SIGNAL, LEVEL, (b) TRACKING CONTROL SIGNAL, LEVEL, (c) ENABLE SIGNAL, (d) RADIAL DEVIATION COMPONENT, LEVEL, (e) CONTROL SIGNAL, (f) OUTPUT OF SWITCH 13, LEVEL, (g) OUTPUT OF DA CONVERTER 15, LEVEL

FIGURE 4

ONE ROTATION OF DISK

(a) DISK MOTOR FG SIGAL, (b) ROTATION SYNCHRONIZING SIGNAL, (c) MULTIPLICATION SIGNAL, (d) ROTATIONAL POSITION DETECTION SIGNAL

FIGURE 5

6 ... TRACKING CONTROLLER, 9 ... ROTATIONAL POSITION DETECTOR, 10b ... MEMORY

FIGURE 6

6 ... TRACKING CONTROLLER, 9 ... ROTATIONAL POSITION DETECTOR, 10d ... MEMORY, 10e ... AVERAGE ARITHMETIC CIRCUIT

FIGUR 7

ONE ROTATION OF DISK

(a) TRACKING ERROR SIGNAL, LEVEL, (b) CONTROL SIGNAL, (c) JUMP SIGNAL, (d) JUMP PULSE SIGNAL, LEVEL, ACCELERATING PULSE, DECELERATING PULSE, (e) OUTPUT OF SWITCH 13, LEVEL, ACCELERATING VOLTAGE, (f) OUTPUT OF DA CONVERTER 15, LEVEL, DECELERATING VOLTAGE

FIGURE 8

ONE ROTATION OF DISK

(a) JUMP SIGNAL, (b) JUMP PULSE SIGNAL, LEVEL, ACCELERATING PULSE, DECELERATING PULSE, (c) OUTPUT OF SWITCH 13, LEVEL, (d) OUTPUT OF DA CONVERTER 15, LEVEL, ACCELERATING VOLTAGE, DECELERATING VOLTAGE

FIGURE 9

ONE ROTATION OF DISK

(a) TRACKING ERROR SIGNAL, LEVEL, (b) CONTROL SIGNAL, (c) JUMP SIGNAL, (d) JUMP PULSE SIGNAL, LEVEL, ACCELERATING PULSE, DECELERATING PULSE, (e) OUTPUT OF DA CONVERTER 15, LEVEL, HOLD VOLTAGE, ACCELERATING VOLTAGE, DECELERATING

VOLTAGE

FIGURE 10:注：以下(c)，(d)，(e)，(f)，(g)，(h)について：

間違いと思います。図中：(a)，(b)，(c)，(d)，(e)，(f)，としました。

ONE ROTATION OF DISK

(c) JUMP SIGNAL, (d) JUMP PULSE SIGNAL, LEVEL, ACCELERATING PULSE, DECELERATING PULSE, (e) OUTPUT OF SWITCH 13, LEVEL, (f) OUTPUT OF DC COMPONENT DETECTOR, LEVEL, (g) OUTPUT OF ADDER 32, LEVEL, (h) OUTPUT OF DA CONVERTER, LEVEL, ACCELERATING VOLTAGE, DECELERATING VOLTAGE

FIGURE 11

4 ... SIGNAL PROCESSOR, 5 ... AD CONVERTER, 6 ... TRACKING CONTROLLER, 8 ... ROTATION DETECTION SIGNAL GENERATOR, 9 ... ROTATIONAL POSITION DETECTOR, 10' ... RADIAL DEVIATION COMPONENT DETECTOR, 11 ... JUMP SIGNAL GENERATOR, 15 ... DA CONVERTER, 16 ... DRIVER CIRCUIT, 18 ... THREAD CONTROLLER, 19 ... DRIVER CIRCUIT, 22' ... DC COMPONENT DETECTOR

FIGURE 12

6 ... TRACKING CONTROLLER, 9 ... ROTATIONAL POSITION DETECTOR, 10d ... MEMORY, 10e ... AVERAGE ARITHMETIC CIRCUIT, 10g ... LATCH,

TO DC COMPONENT DETECTOR 22,

TO SWITCH 13

FIGURE 13

ONE ROTATION OF DISK

OUTPUT OF LATCH 10g AFTER SEEK

LEVEL OFFSET TIME

OUTPUT OF ARITHMETIC CIRCUIT 10f

FIGURE 14

ONE ROTATION OF DISK

OUTPUT OF LATCH 10g AFTER SEEK

LEVEL, TIME

OUTPUT OF ARITHMETIC CIRCUIT 10f

AVERAGING, OFFSET